D:\anaconda3\envs\pytorch\_38\python.exe D:\赵森\A课程文件\视觉认知工程\iaanet-main\iaanet-main\train.py

Adjusting learning rate of group 0 to 1.0000e-02.

Adjusting learning rate of group 1 to 0.0000e+00.

Epoch: 0 / 10

100%|██████████| 4989/4989 [38:20<00:00, 2.17it/s]

0.5450247526168823

box obj Dloss Sloss total

0.1657 0.08495 0.2506 0.777 1.028

Adjusting learning rate of group 0 to 1.0000e-02.

Adjusting learning rate of group 1 to 1.0000e-03.

prec:0.09898086051343213 recall:0.7351886933588393 F1: 0.16365186369443346

F1: 0.16365186369443346

Epoch: 1 / 10

100%|██████████| 4989/4989 [38:04<00:00, 2.18it/s]

0.9836403727531433

box obj Dloss Sloss total

0.1138 0.04531 0.1591 0.1399 0.299

Adjusting learning rate of group 0 to 1.0000e-02.

Adjusting learning rate of group 1 to 1.0000e-03.

prec:0.559516514519834 recall:0.8065261498497748 F1: 0.6030055495537698

F1: 0.6030055495537698

Epoch: 2 / 10

100%|██████████| 4989/4989 [38:09<00:00, 2.18it/s]

0.9904110431671143

box obj Dloss Sloss total

0.09934 0.04032 0.1397 0.06078 0.2004

Adjusting learning rate of group 0 to 1.0000e-02.

Adjusting learning rate of group 1 to 1.0000e-03.

prec:0.5760142309202273 recall:0.7279154656343063 F1: 0.5692568382475917

F1: 0.5692568382475917

Epoch: 3 / 10

100%|██████████| 4989/4989 [38:52<00:00, 2.14it/s]

0.9964156150817871

box obj Dloss Sloss total

0.09083 0.03632 0.1271 0.04693 0.1741

Adjusting learning rate of group 0 to 1.0000e-02.

Adjusting learning rate of group 1 to 1.0000e-03.

prec:0.5231122355542785 recall:0.8104492653747389 F1: 0.5785097125892822

F1: 0.5785097125892822

Epoch: 4 / 10

100%|██████████| 4989/4989 [38:31<00:00, 2.16it/s]

0.9975066781044006

box obj Dloss Sloss total

0.08522 0.03402 0.1192 0.04248 0.1617

Adjusting learning rate of group 0 to 1.0000e-02.

Adjusting learning rate of group 1 to 1.0000e-03.

prec:0.5270721703157453 recall:0.596135142416476 F1: 0.465867367292695

F1: 0.465867367292695

Epoch: 5 / 10

100%|██████████| 4989/4989 [36:52<00:00, 2.25it/s]

0.9985837936401367

box obj Dloss Sloss total

0.07959 0.03127 0.1109 0.03844 0.1493

Adjusting learning rate of group 0 to 1.0000e-02.

Adjusting learning rate of group 1 to 1.0000e-03.

prec:0.524938948648209 recall:0.6858767614340774 F1: 0.5053157476650149

F1: 0.5053157476650149

Epoch: 6 / 10

100%|██████████| 4989/4989 [37:52<00:00, 2.20it/s]

0.9989640712738037

box obj Dloss Sloss total

0.07612 0.0298 0.1059 0.03579 0.1417

Adjusting learning rate of group 0 to 1.0000e-02.

Adjusting learning rate of group 1 to 1.0000e-03.

prec:0.5187468908419366 recall:0.7513327125703642 F1: 0.5414753796167115

F1: 0.5414753796167115

Epoch: 7 / 10

100%|██████████| 4989/4989 [38:17<00:00, 2.17it/s]

0.9988527297973633

box obj Dloss Sloss total

0.0726 0.02798 0.1006 0.03412 0.1347

Adjusting learning rate of group 0 to 1.0000e-02.

Adjusting learning rate of group 1 to 1.0000e-03.

prec:0.5326494565210409 recall:0.6495590784072763 F1: 0.5041574492408324

F1: 0.5041574492408324

Epoch: 8 / 10

100%|██████████| 4989/4989 [37:45<00:00, 2.20it/s]

0.9991391897201538

box obj Dloss Sloss total

0.0706 0.02674 0.09734 0.03343 0.1308

Adjusting learning rate of group 0 to 1.0000e-02.

Adjusting learning rate of group 1 to 1.0000e-03.

prec:0.5247187261618368 recall:0.7630366323092113 F1: 0.5545737852161924

F1: 0.5545737852161924

Epoch: 9 / 10

100%|██████████| 4989/4989 [36:47<00:00, 2.26it/s]

0.9992766976356506

box obj Dloss Sloss total

0.06809 0.02582 0.0939 0.03146 0.1254

Adjusting learning rate of group 0 to 1.0000e-02.

Adjusting learning rate of group 1 to 1.0000e-03.

prec:0.4974853509016663 recall:0.5982535369040582 F1: 0.4446346646087653

F1: 0.4446346646087653

Best F1: 0.6030055495537698

进程已结束，退出代码为 0